

ABSTRACT

A transfer of ordnance units from a first aerial vehicle to a second aerial vehicle performed while both vehicles are airborne. The first aircraft is used as an ordnance storage, ordnance delivery and ordnance supplier platform. The second aircraft has the functionality and capability of delivering the received ordnance to designated targets. The first aircraft includes an ordnance storage apparatus, an ordnance transfer assembly, a computer-based highly accurate ordnance transfer control apparatus, and an ordnance transfer apparatus operating crew. The ordnance transfer assembly establishes temporarily a transfer link between the aircraft and utilizes an ordnance conveyor mechanism for the delivery of the ordnance units. The second aircraft includes a multi-use multi-purpose pylon that receives the transferred ordnance in the proper manner. The aircrafts can be uninhabited.

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